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09/700,690	11/17/2000	Harri Honko	915-376	8369

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EXAMINER

BATES, KEVIN T

ART UNIT PAPER NUMBER

2155

DATE MAILED: 12/15/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

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# Office Action Summary

Application No.

09/700,690

Applicant(s)

HONKO ET AL.

Examiner

Kevin Bates

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-- Th MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 17 November 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-39 and 43 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-39 and 43 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☒ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3 and 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

The Preliminary Amendment A, was received on November 17, 2000.

Claims 1-39 and 43 are pending in this application.

#### ***Priority***

Acknowledgment is made of applicant's claim for foreign priority based on an application filed in United Kingdom on February 24, 1999. It is noted, however, that applicant has not filed a certified copy of the 9904181.6 application as required by 35 U.S.C. 119(b).

#### ***Information Disclosure Statement***

The information disclosure statements (IDS) submitted on November 17, 2000 and February 13, 2003 were considered by the examiner.

#### ***Claim Objections***

Claim 10 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim should refer to other claims in the alternative only. See MPEP § 608.01(n).

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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Claims 1-39, 43 are rejected under 35 U.S.C. 102(e) as being anticipated by Waugh (6104928).

Regarding claims 1, 21, and 39, Waugh discloses a switch (Column 6, lines 8 – 9) for establishing a call between a terminal of an originating network and a terminal of a terminating network (Column 6, lines 7 – 8), the switch comprising: an input for receiving call identification information in a first format from the originating network (Column 9, lines 26 – 27); reformatting means for reformatting received call identification information into a second format (Column 9, lines 27 – 28); an output means for outputting the call identification information in the second format over the terminating network (Column 9, lines 28 – 29); and connection means for completing a connection, suitable for the identified call, between the terminals (Column 9, lines 4 – 10).

Regarding claims 2 and 22, Waugh discloses that the call identification information comprises call type information (Column 6, lines 13 – 14; Column 7, lines 40 – 42).

Regarding claims 3 and 23, Waugh discloses that the call type information comprises telecommunications service information (Column 7, lines 40 – 42).

Regarding claims 4 and 24, Waugh discloses that the call identification information comprises bearer service information (Column 7, lines 40 – 42).

Regarding claims 5 and 25, Waugh discloses that the reformatting means for reformatting the received bearer service information is arranged to negotiate the bearer of the terminating network to match that of the originating network (Column 12, lines 36 – 49).

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Regarding claims 6 and 26, Waugh discloses that the first format is an in band format (Column 9, lines 42 – 43; Column 9, lines 49 – 50).

Regarding claims 7 and 27, Waugh discloses that the second format is an out band format (Column 9, lines 37 – 42; Column 9, lines 47 – 49).

Regarding claims 8 and 28, Waugh discloses that the terminating network is digital (Column 9, lines 29 – 32).

Regarding claims 9 and 29, Waugh discloses that the originating network is analogue (Column 9, lines 9 – 12).

Regarding claims 10 and 30, Waugh discloses that one of the networks is a wireless communications network (Column 9, lines 4 – 7).

Regarding claims 11 and 31, Waugh discloses that the wireless communication network is a universal mobile telecommunications system (UMTS) network (Column 2, lines 1 – 6).

Regarding claims 12 and 32, Waugh discloses that the wireless communication network is a GSM network (Column 5, lines 58 – 60).

Regarding claim 13, Waugh discloses that the switch is a mobile switching center (Column 6, lines 5 – 10).

Regarding claim 14, Waugh discloses a transcoder (Column 9, lines 43 – 46).

Regarding claim 15, Waugh discloses that the wireless communications network is the terminating network (Column 9, lines 29 – 32).

Regarding claim 16 and 33, Waugh discloses that one of the networks is a fixed line network (Column 5, lines 53 – 54).

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Regarding claims 17 and 34, Waugh discloses that the fixed line network is a PSTN network (Column 2, lines 29 – 32; Column 8, lines 46 - 48).

Regarding claims 18 and 35, Waugh discloses that the fixed line network is an ISDN network (Column 9, lines 10 – 12).

Regarding claims 19 and 36, Waugh discloses that the fixed line network is the originating network (Column 9, lines 29 – 32).

Regarding claim 20, Waugh discloses the means, coupled to the input, for determining primary call type information on the basis of a subscriber number, for forwarding first primary call identification information to the output, and for forwarding further primary call identification information to the reformatting means (Column 9, lines 13 – 15; Column 9, lines 4 – 12).

Regarding claims 38 and 43, Waugh discloses determining primary call identification information on the basis of a subscriber number (Column 6, lines 25 – 42; Column 6, lines 12 – 14); providing a predetermined connection if the primary call identification corresponds to the call identification the predetermined connection (Column 8, lines 42 – 48; Column 8, lines 35 – 38; Column 9, lines 13 – 15); and performing the reformatting, transmitting and establishing steps if the primary call information is different (Column 9, line 13; Column 9, lines 4 – 12).

Regarding claim 37, Waugh discloses a method for establishing a call between a terminal of an originating network and a terminal of a terminating network (Column 6, lines 7 – 8), the method comprising: establishing a call of a predetermined type (Column 9, lines 2 – 4); transmitting call identification information in a first format from the originating terminal to the terminating

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network (Column 9, lines 26 – 27); reformatting received call identification information into a second format (Column 9, lines 27 – 28); transmitting the call identification information in the second format to the terminating terminal (Column 9, lines 28 – 29); and establishing a connection, suitable for the identified call, between the terminals (Column 9, lines 4 – 10).

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No. Re. 34536 issued to Frimmel.

U. S. Patent No. 6111893 issued to Volftsun.

U. S. Patent No. 5544227 issued to Blust.

U. S. Patent No. 5568475 issued to Doshi

U. S. Patent No. 5440613 issued to Fuentes.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Bates whose telephone number is (703) 605-0633. The examiner can normally be reached on 8 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on (703) 308-6662. The fax phone number for the organization where this application or proceeding is assigned is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3800.

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KB

KB

December 9, 2003



**HOSAIN ALAM**  
**SUPERVISORY PATENT EXAMINER**